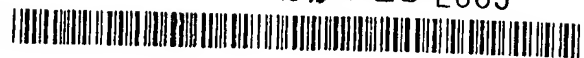




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(71) Applicant (for all designated States except US): METSO
PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130
Helsinki (FI).

(72) Inventors; and

(75) Inventors/Applicants (for US only): POIKOLAINEN,

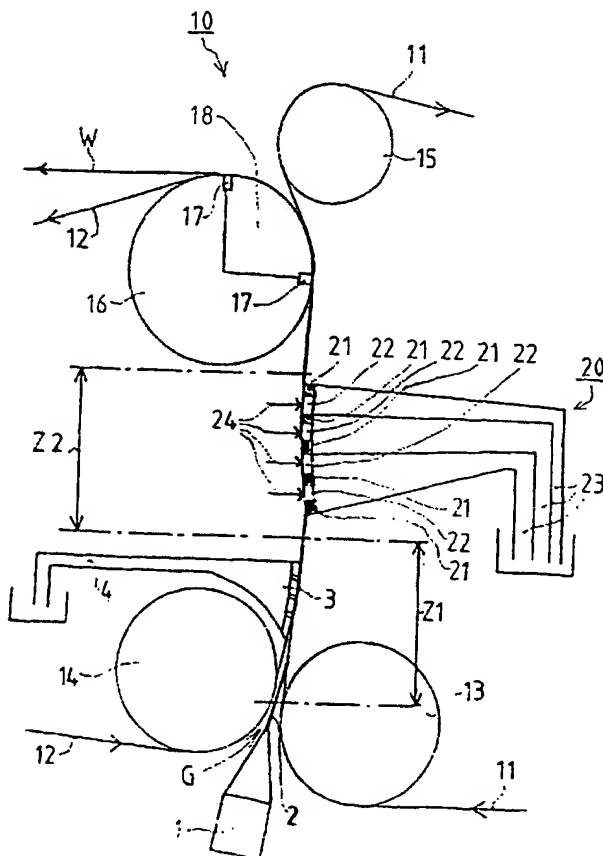
Antti [FI/FI]; Ritopohjantie 5, FIN-40250 Jyväskylä
(FI). IRWIN, Jeffrey, C. [US/US]; 809 Shu-Lar Lane,
Clinton, WI 53525 (US). ODELL, Michael [FI/FI];
Punu 10, FIN-40640 Jyväskylä (FI). KORHONEN,
Hannu [FI/FI]; Hollituvantie 23, FIN-40200 Jyväskylä
(FI). PUURTINEN, Ari [FI/FI]; Esankatu 28, FIN-40700
Jyväskylä (FI). ANTTILAINEN, Sami [FI/FI]; Muurar-
intie 9B7, FIN-40520 Jyväskylä (FI).

(74) Agent: FORSSÉN & SALOMAA OY; Eerikinkatu 2,
FIN-00100 Helsinki (FI).

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(54) Title: FORMING OF A PAPER OR BOARD WEB IN A TWIN-WIRE FORMER OR IN A TWIN-WIRE SECTION OF A
FORMER



(57) Abstract: The invention concerns a method in the twin-
wire forming section of a paper or board machine, wherein
fibrous stock supplied by a headbox (1) is guided in between
forming wires (11, 12) formed as wire loops, where water
is removed from the fibrous stock in at least two successive
dewatering zones (Z1, Z2). At least a part of the first dewater-
ing zone (Z1) is formed with the aid of a fixed forming
shoe (3) having a curved surface and against which one of the
forming wires (12) is supported while the opposite forming
wire (11) is unsupported in the area of the forming shoe
(3). The other dewatering zone (Z2) is formed by fixed dewater-
ing blades (21) on the other side of the forming wires
(11, 12) and supported against the fibrous stock located be-
tween them (21) and on the opposite side of the forming wires
(11, 12) by dewatering blades (24), which can be loaded in a
controlled manner against the fixed dewatering blades (21) at
gaps (22) between these in such a way that pulsating dewater-
ing is caused in the fibrous stock in the second dewatering
zone (Z2). The forming wires (11, 12) are guided from the
beginning of the twinwire forming section into the area of
the fixed forming shoe (3) of the first dewatering zone (Z1) in
such a way that the fixed forming shoe (3) is used to cause es-
sentially non-pulsating dewatering in the fibrous stock trav-
elling in between the forming wires (11, 12), which dewater-
ing is applied to the fibrous stock in the area after the leading
edge (7) of the fixed forming shoe (3). The invention also
concerns a twinwire forming section.

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